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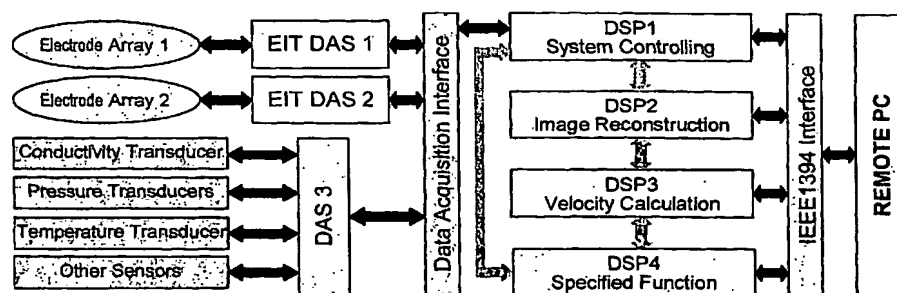
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(54) Title: EIT DATA PROCESSING SYSTEM AND METHOD



(57) Abstract: Electrical impedance tomography (EIT) data processing system, for acquiring and processing data from two-phase flows, comprising a dual-plane sensor, a plurality of digital signal processing modules configured in a data pipeline processing arrangement and a plurality of data acquisition subsystems in communication with a first one of said digital signal processing modules.